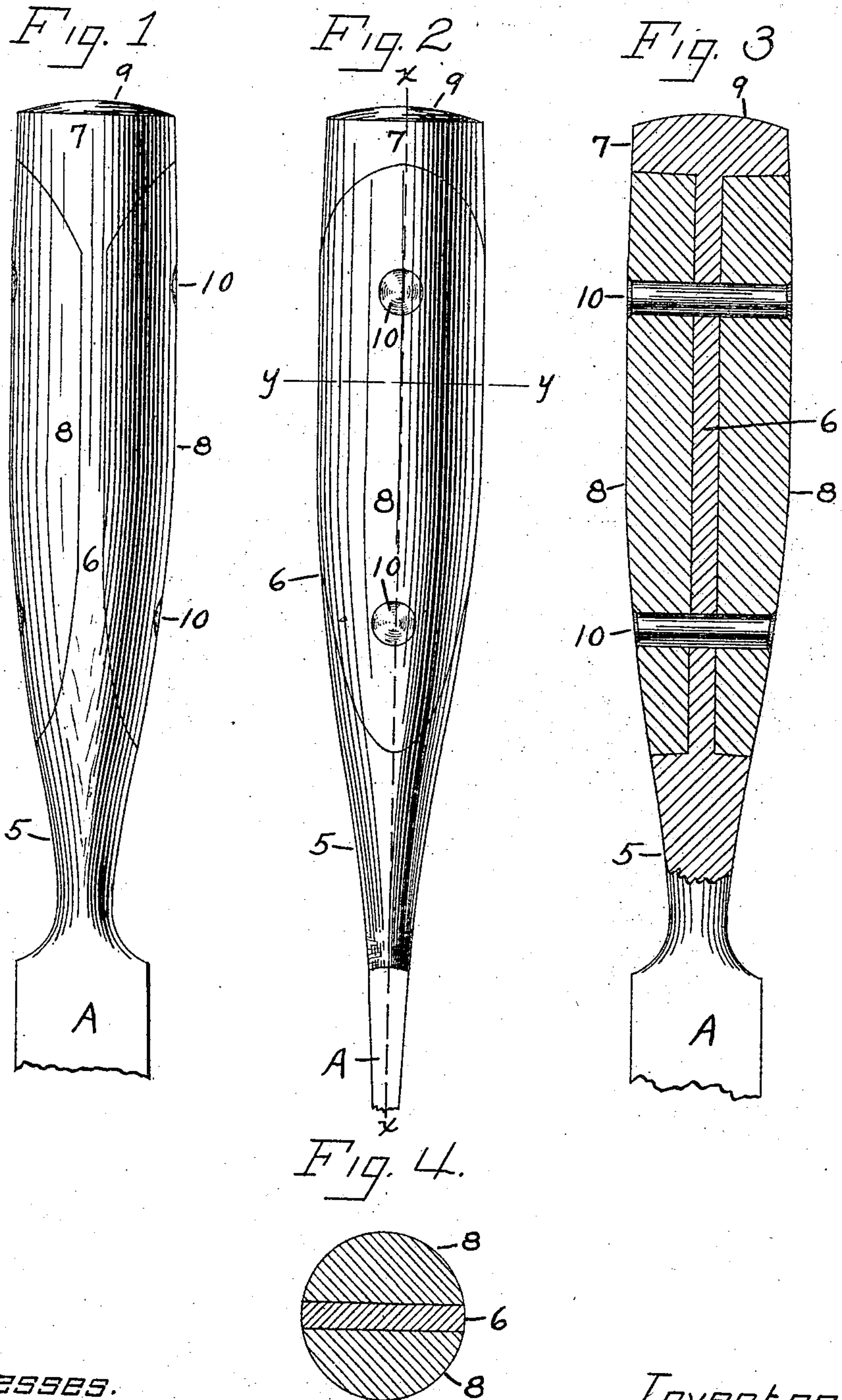


No. 816,626.

PATENTED APR. 3, 1906.

W. S. WARD.
CARPENTER'S CHISEL.
APPLICATION FILED JUNE 28, 1905.



Witnesses.
Fred E. Potter.
Frank J. O'Brien

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UNITED STATES PATENT OFFICE.

WILLIAM S. WARD, OF PLANTSVILLE, CONNECTICUT, ASSIGNOR TO THE
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CARPENTER'S CHISEL.

No. 816,626.

Specification of Letters Patent.

Patented April 3, 1906.

Application filed June 28, 1905. Serial No. 267,376.

To all whom it may concern:

Be it known that I, WILLIAM S. WARD, a citizen of the United States, residing at Plantsville, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Carpenter's Chisels, of which the following is a specification.

My invention relates to improvements in carpenter's chisels; and the object of my invention is to provide a cheap, durable, and efficient chisel, especially with reference to strength and to the driving qualities of the butt.

In the accompanying drawings, Figure 1 is a side view of a portion of the blade and the handle of my chisel. Fig. 2 is an edge view of the same. Fig. 3 is a sectional elevation on the line *x x* of Fig. 2. Fig. 4 is a transverse section on the line *y y* of Fig. 2.

In a general way the chisel is in many respects like the chisel shown and described in my Patent No. 718,040, of January 6, 1903, and has formed integral with the blade A the bolster 5, handle-web 6, and head 7, in connection with handle-scales 8, secured by rivets 10 on the broad sides of the web 6.

In the present application the handle-web 6 is flat on its broad sides, and it is arranged edgewise with reference to the broad sides of the blade, whereby it has the greatest possible strength for a flattened web when used for

prying on the blade transversely to the broad sides of the said blades. Instead of a tubular head to be plugged up with some other material I make the head 7 solid throughout and substantially of a cylindrical form and with a rounded or convex outer face for receiving the blows employed in driving the chisel-blade in use. This solid head should be long enough on its shortest side to prevent the metal from being upset at points abutting the ends of the handle-scales in case the operator should use a hammer for driving on the head.

As a general rule a mallet instead of a hammer will be employed for striking on the head of the chisel. Whichever is used, the solid and rounded head will be found to be very durable and to furnish a solid or rigid means for transmitting the blow through the handle-web to the blade.

I claim as my invention—

The herein-described chisel, comprising a blade, bolster, flattened handle-web and solid cylindrical head all formed integral, and handle-scales secured on the opposite sides of the said flattened web, the said handle-web being arranged edgewise with reference to the broad sides of the chisel-blade.

WILLIAM S. WARD.

Witnesses:

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